

Commercial MATE-N-LOK Connectors (Continued)

PC Board Vertical Pin Headers

Material

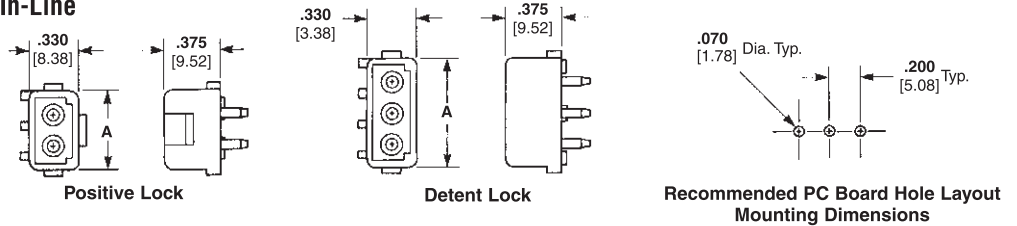
Housing — Nylon, natural color
Flammability Rating — UL94V-2
Contacts — Phosphor bronze
 Solder tail diameter .062 [1.57]

Related Product Data

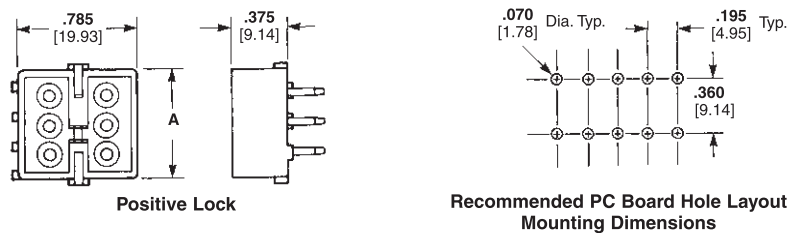
Product Specifications
 108-1077 Commercial MATE-N-LOK
 PC Board Headers

Performance Characteristics —
 pages 151-152
Technical Documents — pages 151
 and 205-206
Mating Socket Housings —
 pages 157-160
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Mating IDC — page 163

2, 3, and 4 Circuit, In-Line



6, 8, 10, 12 and 16 Circuit, Dual Row



Number of Circuits	A Dim.	Type Lock	Finish	Part Numbers		Mates with Socket Housing Part Number
				Standard ² Tail	Long ³ Tail	
2	.515 13.09	Positive	Pre-tin	350539-1	350540-1	1-480720-0
			Duplex ¹	1586530-2	—	
		Detent	Pre-tin	350209-1	350422-1	1-480318-0
			Duplex ¹	1586512-2	—	
3	.715 18.17	Positive	Pre-tin	350541-1	350542-1	1-480721-0
			Duplex ¹	1586532-2	—	
		Detent	Pre-tin	350210-1	350423-1	1-480303-0
			Duplex ¹	1586514-2	—	
4	.915 23.24	Positive	Pre-tin	350543-1 ⁵	350544-1 ⁵	1-480722-0 ⁵
			Duplex ¹	1586534-2 ⁵	1586536-2 ⁵	
		Detent	Pre-tin	350211-1 ⁵	350424-1 ⁵	1-480424-0 ^{4,5}
			794236-15.8	—		
			Post-tin	1586627-15.6	—	
			1-1586627-15.6,7	—		
Duplex ¹	1586515-2 ⁵	1586525-2 ⁵				
6	.705 17.91	Positive	Pre-tin	1-380999-0	350425-1	1-480270-0
			Duplex ¹	2-1586546-0	1586526-2	
8	.900 22.86	Positive	Pre-tin	350212-1	350426-1	1-480283-0
			Duplex ¹	1586518-2	1586528-2	
10	1.095 27.81	Positive	Pre-tin	1-380991-0	350219-1	1-480285-0
			Duplex ¹	2-1586544-0	—	
12	1.290 32.77	Positive	Pre-tin	350213-1	350220-1	1-480287-0
			Duplex ¹	1586520-2	1586524-2	
16	1.680 42.68	Positive	Pre-tin	350214-1	350427-1	1-480438-0
			Duplex ¹	1586522-2	1586529-2	

¹Duplex Finish — Plated with .000030 [.000762] min. gold in mating area, matte tin on solder tail end over .000050 [.00127] min. nickel underplate on entire contact.

²Use standard tail for .062 [1.57] thick PC Board.

³Use long tail for .125 [3.18] thick PC Board.

⁴Other mating connectors include a vertical PC Board socket header and the insulation displacement connectors (IDC).

⁵Used by the disk drive industry.

⁶With drain holes.

⁷Tube loaded.

⁸Housing material UL94V-0 rated.

Note: All part numbers are RoHS Compliant.